

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1031	((ryuji with kondo) or (tetsuo with yamada)).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:08
L2	134	((ryuji with kondo) or (tetsuo with yamada)).in. and sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:10
L3	10	((ryuji with kondo) or (tetsuo with yamada)).in. and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:10
L4	127	348/315.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 17:11
L5	127	348/315.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:11
L7	280	348/272.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 17:12
L8	81	348/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 17:12
L9	686	348/294.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 17:12
L10	81	348/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:12

## EAST Search History

L11	48	348/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:12
L12	349	348/273.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:13
L13	158	348/280.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:13
L14	9	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4) and pixel with hexagon\$4 with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:13
L15	3949	pixel with (shift\$4 or pitch or diagonal) with array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:13
L16	80	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4 or imager) and pixel with (shift\$4 or triangular or (half adj pitch\$4) or (shift\$3pixel)) with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:13
L17	8	lattice same pixel and interstitial and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:14
L18	83	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4) and pixel with alternat\$4 with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:23
L19	0	((sensor or imager or ccd) same pixels same shift near4 lay\$1out same (interpolat\$4 or calculat\$4) with color same interstitial).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:25

## EAST Search History

L20	0	((sensor or imager or ccd) same pixels same shift near4 lay\$1out same (interpolat\$4 or calculat\$4) with color).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:25
S1	27	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4) and pixel with shift with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/07 13:02
S2	35	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4) and pixel with alternat\$4 with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 17:14
S3	4	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4) and pixel with hexagon\$4 with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 17:13
S4	1	"5818052".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:00
S5	1	"5759078".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:00
S6	1	"5744826".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:00
S7	1	"5311337".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:01
S8	1	"5032718".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:01
S9	1	"4667092".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:01
S10	5	"6252218"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 16:06
S11	19	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4) and pixel with shifted with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 16:29
S12	1	"6236434".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:08
S13	1	"5340766".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:09
S14	1	"4884143".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:09

## EAST Search History

S15	8	"4884143"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 16:47
S16	1	"4558365".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:30
S17	1	"6236434".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:31
S18	1	"5608455".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:31
S19	1	"5528291".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:31
S20	1	"5376967".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:31
S21	1	"5306906".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:31
S22	1	"5528291".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:37
S23	1	"5306906".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:37
S24	1	"5210613".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:37
S25	1	"4602289".PN.	USPAT; USOCR	OR	OFF	2004/11/18 16:38
S26	112	348/315.ccIs.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 17:00
S27	2	"6522356"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/18 17:15
S28	1	"5847758".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:03
S29	1	"5805217".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:03
S30	1	"5737017".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:04
S31	1	"5737017".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:04
S32	1	"5519668".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:04

## EAST Search History

S33	1	"5155584".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:04
S34	1	"5155584".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:15
S35	1	"5099317".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:05
S36	1	"5319451".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:11
S37	1	"5099317".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:11
S38	1	"5018006".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:12
S39	1	"4791307".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:12
S40	1	"4602289".PN.	USPAT; USOCR	OR	OFF	2004/11/18 17:12
S42	111	348/272.ccls.	USPAT; USOCR	OR	OFF	2004/11/18 17:16
S43	22	348/272.ccls. and pitch\$4	USPAT; USOCR	OR	OFF	2005/12/08 13:49
S44	111	348/272.ccls.	USPAT; USOCR	OR	OFF	2004/11/18 17:31
S45	40	348/272.ccls. and interpolat\$4	USPAT; USOCR	OR	OFF	2004/11/18 17:32
S46	202	348/272.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/19 10:33
S47	94	348/272.ccls. and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 10:33
S48	16	"4558365"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/19 10:53
S49	2	"6414343"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/19 10:51

## EAST Search History

S50	8	"4884143"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/19 10:56
S51	2	"6573935"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/19 11:00
S52	14	"5099317"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/19 11:06
S53	16	"5306906"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/19 12:32
S54	1	"5818052".PN.	USPAT; USOCR	OR	OFF	2004/11/19 11:09
S55	1	"5759078".PN.	USPAT; USOCR	OR	OFF	2004/11/19 11:10
S56	62	348/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 17:12
S57	42	348/277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/19 13:10
S58	488	348/294.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 17:12
S59	31	348/294.ccls. and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/19 13:14
S60	11	348/315.ccls. and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 10:57

## EAST Search History

S62	51	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$4 or sens\$4) and pixel with (shift\$3 or ptich\$3 or diagonal) with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 13:21
S63	11	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$4 or sens\$4) and pixel with (shift\$3 or ptich\$3 or diagonal) with layout and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 13:55
S64	3003	pixel with (shift\$4 or pitch or diagonal) with array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:13
S65	378	pixel with (shift\$4 or pitch or diagonal) with array and interpolation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 13:58
S66	13	pixel with (shift or pitch or diagonal) with layout and interpolation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 14:01
S67	172	pixel with (pitch or diagonal) with array and interpolation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/19 14:01
S69	3	"5592575"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/20 13:30
S70	1	"5442717".PN.	USPAT; USOCR	OR	OFF	2004/11/20 13:30
S71	1	"5335097".PN.	USPAT; USOCR	OR	OFF	2004/11/20 13:30
S72	1	"5258859".PN.	USPAT; USOCR	OR	OFF	2004/11/20 13:30
S73	1	"5227863".PN.	USPAT; USOCR	OR	OFF	2004/11/20 13:30
S74	1	"5122873".PN.	USPAT; USOCR	OR	OFF	2004/11/20 13:30
S75	1	"4839719".PN.	USPAT; USOCR	OR	OFF	2004/11/20 13:31

## EAST Search History

S76	2	"20020085103"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 10:37
S77	266	camera and second adj interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 10:37
S78	1	348/315.ccls. and second adj interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 17:11
S79	8	348/272.ccls. and second adj interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/09 17:11
S80	0	348/275.ccls. and second adj interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 10:59
S81	1	348/294.ccls. and second adj interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/23 10:20
S84	425	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4) and pixel and second adj interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/22 14:36
S85	2	"6522356" and green and red and blue	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 15:25
S86	1	"6522356" and green and red and blue and "(g)" and "(r)" and "(b)"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 15:26
S87	2	"20020067496"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 17:24

## EAST Search History

S88	465	"50243"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 17:24
S89	1	"50243" and camera and printer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 17:25
S90	2	"9750243" and camera and printer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 18:12
S92	3978	pixel and cyan with green with yellow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 18:19
S93	181	pixel and cyan with green with yellow with array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/22 18:40
S94	1	"5948487".PN.	USPAT; USOCR	OR	OFF	2004/11/22 18:31
S95	1	"5929474".PN.	USPAT; USOCR	OR	OFF	2004/11/22 18:31
S96	1	"5614740".PN.	USPAT; USOCR	OR	OFF	2004/11/22 18:31
S97	1	"5306906".PN.	USPAT; USOCR	OR	OFF	2004/11/22 18:31
S98	1	"5238864".PN.	USPAT; USOCR	OR	OFF	2004/11/22 18:32
S99	15	"5280347"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/23 09:30
S10 3	10	complimentary with color with advantage\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/23 09:32

## EAST Search History

S10 4	26	complimentary with color same advantage\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/23 09:32
S10 5	275	"348"/\$.ccls. and second adj interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/23 10:20
S10 8	1	"5221966".PN.	USPAT; USOCR	OR	OFF	2004/11/23 10:58
S10 9	1	"5159437".PN.	USPAT; USOCR	OR	OFF	2004/11/23 10:58
S11 0	1	"4667222".PN.	USPAT; USOCR	OR	OFF	2004/11/23 10:59
S11 1	1	"4335395".PN.	USPAT; USOCR	OR	OFF	2004/11/23 10:59
S11 7	99	output with half with number with pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/23 15:47
S11 8	201	output with half with number with pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 18:05
S11 9	0	interpolat\$4 same pixel same interstitial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 10:43
S12 0	217	pixel same interstitial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 10:43
S12 1	62	pixel same interstitial same (interpolat\$4 or generat\$4 or calculat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 10:48
S12 2	1420	interpolat\$4 and intersti\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 10:48

## EAST Search History

S12 3	76	interpolat\$4 and intersti\$5 same pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 10:49
S12 4	0	square with lattice same pixel and interstitial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 10:49
S12 5	0	square with lattice same pixel and interstitial and interpolation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 10:49
S12 6	0	square with lattice same pixel and interstitial and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 10:49
S12 7	8	lattice same pixel and interstitial and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:14
S12 8	102	interstitial same interpolation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 10:58
S12 9	72	348/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:12
S13 0	7	"5280347".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 11:38
S13 1	1	"5280347".pn. and interpolat\$4 and red and green and blue and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 11:49
S13 2	1	"5581357".pn. and interpol\$4 and red and green and blue	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 12:20

## EAST Search History

S13 3	1	"6882364" and interpolat\$4 and red and green and blue	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 13:50
S13 4	2318	interpolat\$4 and two near2 pixel and three near2 pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 13:51
S13 5	366	interpolat\$4 same two near2 pixel and interpolat\$4 same three near2 pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 13:58
S13 6	40	interpolat\$4 same two near2 pixel and interpolat\$4 same three near2 pixel and ((square near2 lattice) or lattice or (pixel adj2 shift))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:16
S13 7	0	10-285126	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:16
S13 8	16	"285126"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:17
S13 9	3	"6882364"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:46
S14 0	4	2000-184386	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:46
S14 1	2	"2000184386"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 14:46
S14 2	1	2002-125099	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 18:10

## EAST Search History

S14 3	2	"2002125099"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 18:13
S14 4	0	04-314258	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 18:14
S14 5	3	"04314258"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 18:23
S14 6	32	hitachi.as. and (mogi with akira).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 18:23
S14 7	86	(mogi with akira).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 18:42
S14 8	6	"6081613" and objects	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 18:43
S14 9	16	conveyor with camera and (plurality or multiple) with (objects or components) with (captured or photograph\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 18:46
S15 0	156	conveyor with camera and (plurality or multiple) with (objects or components) with area	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/24 18:50
S15 1	7	camera and select\$4 with (section or device) with area with sens\$4 same (plurality or multiple) near3 (object or component)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:14
S15 2	35	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4) and pixel with shift with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/07 13:03

## EAST Search History

S15 3	36	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4 or imager) and pixel with shift with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/07 13:07
S15 4	56	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4 or imager) and pixel with (shift or triangular or (half adj pitch\$4)) with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 13:16
S15 5	12	S154 and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 13:08
S15 6	67	(photo\$1sens\$4 or photo\$1detect\$4 or detect\$45 or sens\$4 or imager) and pixel with (shift\$4 or triangular or (half adj pitch\$4) or (shift\$3pixel)) with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/09 17:13
S15 7	13	S156 and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 13:20
S15 8	0	"6882364.pn" and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 13:33
S15 9	0	"6882364.pn"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/07 13:32
S16 0	1	"6882364".pn. and interpolat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 09:33
S16 1	9	("6900838" "6885402" "6882364" "6850277").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:00

## EAST Search History

S16 2	0	turn\$4 near2 off near4 display same turn\$4 near2 on near5 backlight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:02
S16 3	0	(switch\$4 or turn\$4) near2 off near4 display same (switch\$4 or turn\$4) near2 on near5 backlight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:02
S16 4	13618	(switch\$4 or turn\$4) near2 off near4 display	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:02
S16 5	0	(switch\$4 or turn\$4) near2 off near4 display and (switch\$4 or turn\$4) near2 on near5 backlight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:03
S16 6	3	(switch\$4 or turn\$4) near2 off near4 display and (((switch\$4 or turn\$4) near2 on) or switch\$4on) near5 backlight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:05
S16 7	5	"6339447".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:04
S16 8	9	"6339447"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:04
S16 9	3	(((switch\$4 or turn\$4) near2 off) or switch\$4off) near4 display and (((switch\$4 or turn\$4) near2 on) or switch\$4on) near5 backlight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:06
S17 0	3	(((switch\$4 or turn\$4) near2 off) or switch\$4off) near4 (display or lcd) and (((switch\$4 or turn\$4) near2 on) or switch\$4on) near5 backlight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:16
S17 1	25	("20020130830" "20020163524" "20020171617" "20030128281" "20040012556" "5115269" "5963254" "6339447" "6452582" "6466196" "6480226").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:15

## EAST Search History

S17 2	75	((switch\$4 or turn\$4) near2 off) or switch\$4off) near4 (display or lcd) same (photograph\$4 or captur\$4) same camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:17
S17 3	0	((switch\$4 or turn\$4) near2 off) or switch\$4off) near4 (display or lcd) same (photograph\$4 or captur\$4) same camera and backlight\$4 with illuminat\$4 with (object or target or person or scene)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:22
S17 4	188	349/2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:23
S17 5	1844	"349"/\$.ccls. and camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:23
S17 6	71	"349"/\$.ccls. and camera and ((switch\$4 or turn\$4) near2 off) or switch\$4off) near4 (display or lcd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:26
S17 7	260	backlight with illuminat\$4 with (object or target or person or scene)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:27
S17 8	97	backlight with illuminat\$4 with (object or target or person or scene) and camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/08 13:27
S17 9	126	348/272.ccls.	USPAT; USOCR	OR	OFF	2005/12/08 13:49